

Maryland Historical Trust

Maryland Inventory of Historic Properties Number: F-6-119

Name: MD 140 over Monocacy River

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridged received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended <u>X</u>	Eligibility Not Recommended _____
Criteria: <u>  </u> A <u>  </u> B <u>  </u> C <u>  </u> D Considerations: <u>  </u> A <u>  </u> B <u>  </u> C <u>  </u> D <u>  </u> E <u>  </u> F <u>  </u> G <u>  </u> None	
Comments: _____ _____ _____	
Reviewer, OPS: <u>Anne E. Bruder</u>	Date: <u>3 April 2001</u>
Reviewer, NR Program: <u>Peter E. Kurtze</u>	Date: <u>3 April 2001</u>

Maryland Inventory of Historic Properties  
Historic Bridge Inventory  
Maryland State Highway Administration  
Maryland Historical Trust

MHT Number F-6-119

SHA Bridge No. 10065 Name: MD 140 over the Monocacy River

**Location:**

Street/Road Name and Number: MD 140 (Taneytown Pike)

City/Town: Bridgeport Vicinity X

County: Frederick

Ownership: X State    County    Municipal    Other

This bridge projects over:    Road    Railway X Water    Land

Is the bridge located within a designated district:    yes X no

   NR listed district    NR determined eligible district

   locally designated    other

Name of District

**Bridge Type:**

   Timber Bridge

   Beam Bridge    Truss-Covered    Trestle

   Timber-and-Concrete

   Stone Arch

   Metal Truss

   Movable Bridge

   Swing    Bascule Single Leaf    Bascule Multiple Leaf

   Vertical Lift    Retractable    Pontoon

   Metal Girder

   Rolled Girder    Rolled Girder Concrete Encased

   Plate Girder    Plate Girder Concrete Encased

   Metal Suspension

   Metal Arch

   Metal Cantilever

X Concrete

X Concrete Arch    Concrete Slab    Concrete Beam    Rigid Frame

   Other Type Name

**Describe Setting:**

Bridge 10065 carries MD 140 over Monocacy River in Frederick County. MD 140 runs east-west over the southern flowing Monocacy River. The area immediately adjacent to the bridge has light residential development.

**Describe Superstructure and Substructure:**

Bridge 10065 is a triple-span filled concrete arch. The length of the bridge is 168 feet. The first and third spans have clear spans of 50 feet while the middle span has a clear span of 56 feet. The rise is approximately 14 feet high from springline to crown. The spandrel walls are approximately 13 feet high and 8 feet from the top of the pier to the crown. The abutments are approximately 13 feet high and 24 feet wide. The 2 identical piers are 4 feet 10 inches wide with a 6-foot nose cone. There is a clear roadway width of 24 feet, with an overall width of 27 feet 2 inches. According to a 1996 inspection report, the bridge is in satisfactory condition with a sufficiency rating of 76.2.

The parapets are original. The builders used a closed parapet design. This reinforced concrete railing consists of vertical posts securely fastened by dowels to the structure, horizontal rails, and solid panels that fill the space between posts and the railings. The panels may be precast, and the posts and rails were built in place. Expansion joints separate the panels.

**Discuss Major Alterations:**

There have been no major alterations to this bridge. In 1980 tie bolts and scuppers were added to the bridge.

**When Built: 1925**

**Why Built:** Replacement of dangerous one-lane bridges.

**Who Built:** State Roads Commission

**Who Designed:** State Roads Commission

**Why Altered:** N/A

**Was this bridge built as part of an organized bridge building campaign?**

No, this bridge was not built as part of an organized bridge building campaign.

**Surveyor Analysis:**

**This bridge may have NR significance for association with:**

☒ **A Events**      ☐ **Person**

☒ **C Engineering/Architectural**

This bridge was determined eligible by the Interagency Review Committee in February 1996.

**Was this bridge constructed in response to significant events in Maryland or local history?**

Between 1924 and 1926 the state was confined to completing the gaps in important arteries out of Frederick County. The dangerous one-way bridges on the main highways in the county were rapidly being replaced with new structures. In 1925 a single lane covered bridge was replaced by Bridge 10065 and the old road was relocated upstream by approximately one-quarter of a mile.

**Is the bridge located in an area that may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district?**

This bridge is not located in an area that is eligible for historic designation .

**Is the bridge a significant example of its type?**

Yes this bridge is a significant example of the State Roads Commission's efforts from 1910 until 1945 to eliminate dangerous geometric alignments. The development of standardized plans helped to facilitate this process of standardizing lane widths and alignments.

**Does the bridge retain integrity of the important elements described in the Context Addendum?**

Yes this bridge retains integrity of its character defining elements. Although some repairs were made to the wingwalls, the spandrel walls, the parapets, and the abutments, all are original and have only moderate deterioration.

**Should this bridge be given further study before significance analysis is made?**

No this bridge should not be given further study.

**Bibliography:**

County inspection/bridge files \_\_\_\_\_ SHA inspection/bridge files   X  

Other (list):

**Surveyor:**

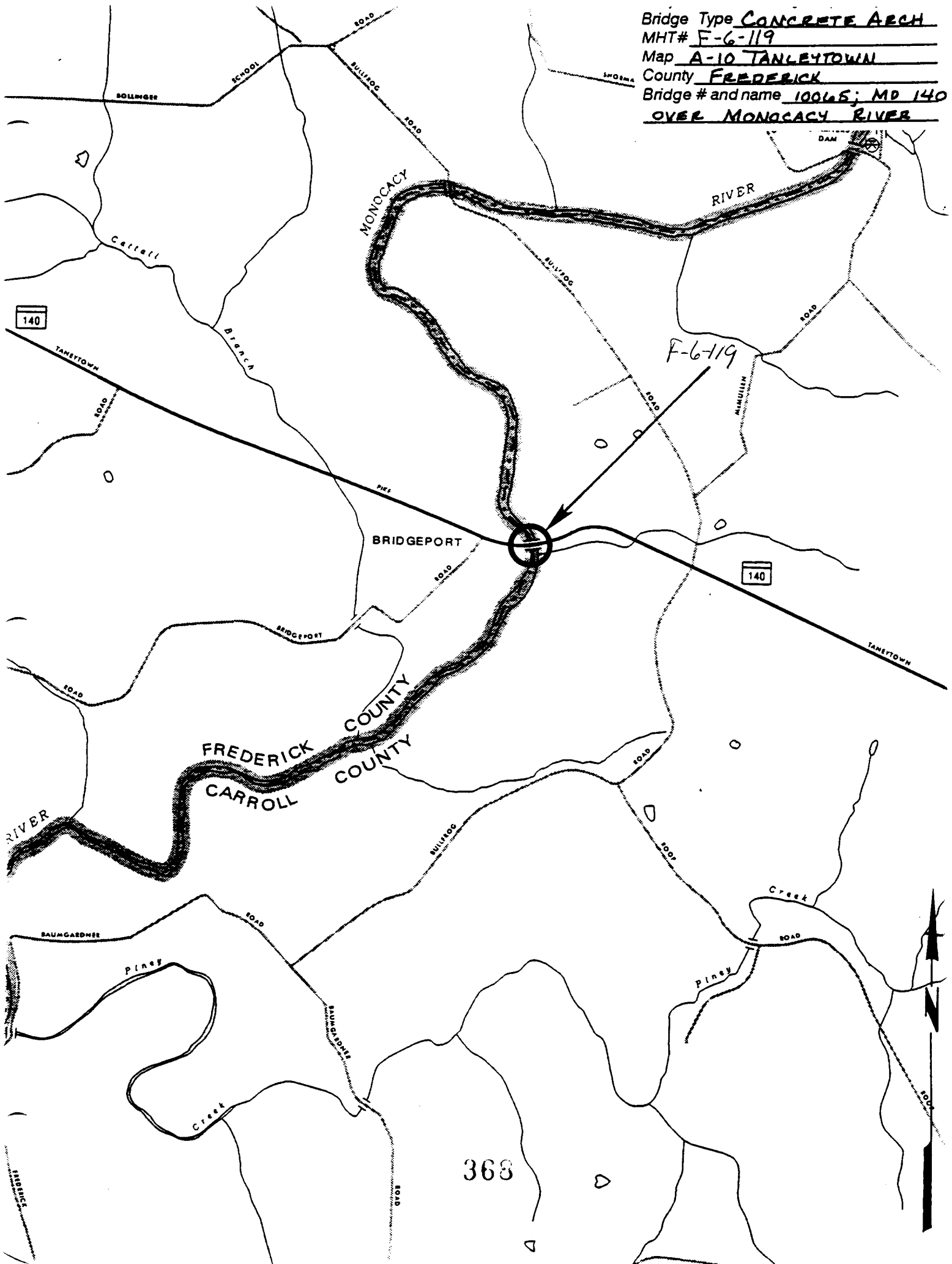
**Name:** Stacie Y. Webb **Date:** February 1996

**Organization:** State Highway Admin. **Telephone:** (410) 545-8559

**Address:** 707 N. Calvert Street, Baltimore, Maryland

Edited by P.A.C. Spero & Company, December 1997.

Bridge Type CONCRETE ARCH  
MHT# F-6-119  
Map A-10 TANLEYTOWN  
County FREDERICK  
Bridge # and name 10065; MD 140  
OVER MONOCACY RIVER





Inventory # F-6-119

Name 10065- MD140 OVER MONOCACY RIVER

County/State FREDERICK COUNTY/MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH EAST

Number 1 of 34 4





Inventory # F-6-119

Name 10005- MD 140 OVER MONOCACY RIVER

County/State FREDERICK COUNTY MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION LOOKING NORTH

2  
Number 15 of 34

4



Inventory # F-6-119

Name 10065- MD140 OVER MONOCACY RIVER

County/State FREDERICK COUNTY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SAA

Description APPROACH WEST

3  
Number 16 of 34 4



Inventory # F-6-119

Name 1005-MD140 OVER MONOCACY RIVER

County/State FREDERICK COUNTY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION LOOKING SOUTH

4  
Number 17 of 34 4